

ABSTRACT OF THE DISCLOSURE

A multi-dimensional table data management unit
inserts two bookmarks into a sequence of two-dimensional
5 tables to define a plurality of tables, enclosed by the
bookmarks, as a three-dimensional storage area (box).

Normally, the unit defines a storage position, in which the
item data of the box is stored, as three-dimensional data
cubes (i, j, k). The multi-dimensional table data

10 management unit allows the user to perform sorting,
calculation, or box rotation of three-dimensional item data
based on the three-dimensional item data.